

07/12/00

PT 0257.P01

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

P19757

Total Pages

Inventor(s) or Applicant(s) [Redacted]
Shinji HAMADA, Hiroshi INOUE, Akihiro TANIGUCHI,
Nobuyasu MORISHITA, Noriyuki FUJIOKA, Munehisa
IKOMA, and Yoshiaki OGATA

Title: BATTERY MODULE, AND RECHARGEABLE
BATTERY FOR CONSTITUTING THE BATTERY MODULE

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

APPLICATION ELEMENTS

ACCOMPANYING APPLICATION PARTS

1. ☒ Fee Transmittal Form
2. ☒ Specification [Total Pages 28]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 8]
4. ☒ Oath or Declaration [Total Pages 5]
 - a. ☒ Newly executed (original or copy) ☐ Unexecuted
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
[Note Box 5 below]
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2)
and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy
of the oath or declaration is supplied under Box 4b, is considered
as being part of the disclosure of the accompanying application
and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure ☐ Copies of IDS Citations
Statement (IDS)/PTO-1449
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☐ Small Entity ☐ Statement filed in prior application,
Statement(s) Status still proper and desired
15. ☐ The prior application is assigned of record to _____
16. ☐ Foreign priority claimed
 - a. ☐ Claim of Priority
 - b. ☐ Certified Copy of Priority Document(s)
17. ☐ Other: _____

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior Application No. _____/_____, filed _____.

19. ☐ Amend the specification by inserting before the first line the sentence:

This application is a ___ continuation-in-part, ___ continuation, ___ division, of Application No. _____/_____, filed _____.

Address all future correspondence to Customer No. 7055 at the present address of:

GREENBLUM & BERNSTEIN, P.L.C.

1941 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

Date

Signature

Bruce H. Bernstein, Reg No. 29,027

Typed or Printed Name

FEE TRANSMITTAL		Complete if Known	
		Application Number	Not Yet Assigned
		Filing Date	Concurrently Herewith
		First Named Inventor	S. HAMADA et al.
		Group Art Unit	Unknown
		Examiner Name	Unknown
TOTAL AMOUNT OF PAYMENT (\$) <u>730.00</u>		Attorney Docket Number P19757	

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																																																																																																																																														
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <u>19-0089</u></p> <p>Deposit Account Name <u>GREENBLUM & BERNSTEIN, P.L.C.</u></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3))</p> <p><input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p style="margin-left: 40px;"><input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <p style="text-align: center;">FEE CALCULATION (fees effective 11/13/99)</p> <p>1. FILING FEE</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>690</td><td>201</td><td>345</td><td>Utility filing fee</td><td><u>690</u></td></tr> <tr><td>106</td><td>310</td><td>206</td><td>155</td><td>Design filing fee</td><td><u> </u></td></tr> <tr><td>107</td><td>480</td><td>207</td><td>240</td><td>Plant filing fee</td><td><u> </u></td></tr> <tr><td>108</td><td>690</td><td>208</td><td>345</td><td>Reissue filing fee</td><td><u> </u></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td><u> </u></td></tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (1) (\$)</td> <td><u>690</u></td> </tr> </tbody> </table> <p>2. CLAIMS</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td><u>11</u> -20=</td> <td><u>0</u></td> <td><u>18</u></td> <td><u>0</u></td> </tr> <tr> <td><u>2</u> -3=</td> <td><u>0</u></td> <td><u>78</u></td> <td><u>0</u></td> </tr> <tr> <td colspan="4">Multiple Dependent Claims <u> </u> x <u>260</u> = <u>0</u></td> </tr> </tbody> </table> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td><u> </u></td></tr> <tr><td>102</td><td>78</td><td>202</td><td>39</td><td>Independent claims in excess of 3</td><td><u> </u></td></tr> <tr><td>104</td><td>260</td><td>204</td><td>130</td><td>Multiple dependent claim</td><td><u> </u></td></tr> <tr><td>109</td><td>78</td><td>209</td><td>39</td><td>Reissue independent claims over original patent</td><td><u> </u></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td><td><u> </u></td></tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (2) (\$)</td> <td><u>0.00</u></td> </tr> </tbody> </table>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	690	201	345	Utility filing fee	<u>690</u>	106	310	206	155	Design filing fee	<u> </u>	107	480	207	240	Plant filing fee	<u> </u>	108	690	208	345	Reissue filing fee	<u> </u>	114	150	214	75	Provisional filing fee	<u> </u>	SUBTOTAL (1) (\$)					<u>690</u>	Total Claims	Extra	Fee from below	Fee Paid	<u>11</u> -20=	<u>0</u>	<u>18</u>	<u>0</u>	<u>2</u> -3=	<u>0</u>	<u>78</u>	<u>0</u>	Multiple Dependent Claims <u> </u> x <u>260</u> = <u>0</u>				Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20	<u> </u>	102	78	202	39	Independent claims in excess of 3	<u> </u>	104	260	204	130	Multiple dependent claim	<u> </u>	109	78	209	39	Reissue independent claims over original patent	<u> </u>	110	18	210	9	Reissue claims in excess of 20 and over original patent	<u> </u>	SUBTOTAL (2) (\$)					<u>0.00</u>	<p>3. ADDITIONAL FEES</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td><u> </u></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td><u> </u></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td><u> </u></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td><u> </u></td></tr> <tr><td>112</td><td>900*</td><td>112</td><td>900*</td><td>Requesting publication of SIR</td><td><u> </u></td></tr> <tr><td></td><td></td><td></td><td></td><td>Prior to Examiner action</td><td><u> </u></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td><u> </u></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within 1st month</td><td><u> </u></td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for response within 2nd month</td><td><u> </u></td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for response within 3rd month</td><td><u> </u></td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for response within 4th month</td><td><u> </u></td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for response within 5th month</td><td><u> </u></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td><u> </u></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td><u> </u></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td><u> </u></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td><u> </u></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td><u> </u></td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive unintentionally abandoned application</td><td><u> </u></td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td><td><u> </u></td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td><u> </u></td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td><u> </u></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td><u> </u></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td><u> </u></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of IDS</td><td><u> </u></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td><u>40</u></td></tr> <tr><td>146</td><td>760</td><td>246</td><td>380</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td><u> </u></td></tr> <tr><td>149</td><td>760</td><td>249</td><td>380</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td><u> </u></td></tr> <tr><td colspan="5">Other fee (specify) <u> </u></td><td><u> </u></td></tr> <tr><td colspan="5">Other fee (specify) <u> </u></td><td><u> </u></td></tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (3) (\$)</td> <td><u>40</u></td> </tr> </tbody> </table> <p>*Reduced by Basic Filing Fee paid</p>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	<u> </u>	127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	<u> </u>	139	130	139	130	Non-English specification	<u> </u>	147	2,520	147	2,520	For filing a request for reexamination	<u> </u>	112	900*	112	900*	Requesting publication of SIR	<u> </u>					Prior to Examiner action	<u> </u>	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	<u> </u>	115	110	215	55	Extension for response within 1st month	<u> </u>	116	380	216	190	Extension for response within 2nd month	<u> </u>	117	870	217	435	Extension for response within 3rd month	<u> </u>	118	1,360	218	680	Extension for response within 4th month	<u> </u>	128	1,850	228	925	Extension for response within 5th month	<u> </u>	119	300	219	150	Notice of Appeal	<u> </u>	120	300	220	150	Filing a brief in support of an appeal	<u> </u>	121	260	221	130	Request for oral hearing	<u> </u>	138	1,510	138	1,510	Petition to institute a public use proceeding	<u> </u>	140	110	240	55	Petition to revive unavoidably abandoned application	<u> </u>	141	1,210	241	605	Petition to revive unintentionally abandoned application	<u> </u>	142	1,210	242	605	Utility issue fee (or reissue)	<u> </u>	143	430	243	215	Design issue fee	<u> </u>	144	580	244	290	Plant issue fee	<u> </u>	122	130	122	130	Petitions to the Commissioner	<u> </u>	123	50	123	50	Petitions related to provisional applications	<u> </u>	126	240	126	240	Submission of IDS	<u> </u>	581	40	581	40	Recording each patent assignment per property (times number of properties)	<u>40</u>	146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))	<u> </u>	149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	<u> </u>	Other fee (specify) <u> </u>					<u> </u>	Other fee (specify) <u> </u>					<u> </u>	SUBTOTAL (3) (\$)					<u>40</u>
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																										
101	690	201	345	Utility filing fee	<u>690</u>																																																																																																																																																																																																																																																																																										
106	310	206	155	Design filing fee	<u> </u>																																																																																																																																																																																																																																																																																										
107	480	207	240	Plant filing fee	<u> </u>																																																																																																																																																																																																																																																																																										
108	690	208	345	Reissue filing fee	<u> </u>																																																																																																																																																																																																																																																																																										
114	150	214	75	Provisional filing fee	<u> </u>																																																																																																																																																																																																																																																																																										
SUBTOTAL (1) (\$)					<u>690</u>																																																																																																																																																																																																																																																																																										
Total Claims	Extra	Fee from below	Fee Paid																																																																																																																																																																																																																																																																																												
<u>11</u> -20=	<u>0</u>	<u>18</u>	<u>0</u>																																																																																																																																																																																																																																																																																												
<u>2</u> -3=	<u>0</u>	<u>78</u>	<u>0</u>																																																																																																																																																																																																																																																																																												
Multiple Dependent Claims <u> </u> x <u>260</u> = <u>0</u>																																																																																																																																																																																																																																																																																															
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																										
103	18	203	9	Claims in excess of 20	<u> </u>																																																																																																																																																																																																																																																																																										
102	78	202	39	Independent claims in excess of 3	<u> </u>																																																																																																																																																																																																																																																																																										
104	260	204	130	Multiple dependent claim	<u> </u>																																																																																																																																																																																																																																																																																										
109	78	209	39	Reissue independent claims over original patent	<u> </u>																																																																																																																																																																																																																																																																																										
110	18	210	9	Reissue claims in excess of 20 and over original patent	<u> </u>																																																																																																																																																																																																																																																																																										
SUBTOTAL (2) (\$)					<u>0.00</u>																																																																																																																																																																																																																																																																																										
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																										
105	130	205	65	Surcharge - late filing fee or oath	<u> </u>																																																																																																																																																																																																																																																																																										
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	<u> </u>																																																																																																																																																																																																																																																																																										
139	130	139	130	Non-English specification	<u> </u>																																																																																																																																																																																																																																																																																										
147	2,520	147	2,520	For filing a request for reexamination	<u> </u>																																																																																																																																																																																																																																																																																										
112	900*	112	900*	Requesting publication of SIR	<u> </u>																																																																																																																																																																																																																																																																																										
				Prior to Examiner action	<u> </u>																																																																																																																																																																																																																																																																																										
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	<u> </u>																																																																																																																																																																																																																																																																																										
115	110	215	55	Extension for response within 1st month	<u> </u>																																																																																																																																																																																																																																																																																										
116	380	216	190	Extension for response within 2nd month	<u> </u>																																																																																																																																																																																																																																																																																										
117	870	217	435	Extension for response within 3rd month	<u> </u>																																																																																																																																																																																																																																																																																										
118	1,360	218	680	Extension for response within 4th month	<u> </u>																																																																																																																																																																																																																																																																																										
128	1,850	228	925	Extension for response within 5th month	<u> </u>																																																																																																																																																																																																																																																																																										
119	300	219	150	Notice of Appeal	<u> </u>																																																																																																																																																																																																																																																																																										
120	300	220	150	Filing a brief in support of an appeal	<u> </u>																																																																																																																																																																																																																																																																																										
121	260	221	130	Request for oral hearing	<u> </u>																																																																																																																																																																																																																																																																																										
138	1,510	138	1,510	Petition to institute a public use proceeding	<u> </u>																																																																																																																																																																																																																																																																																										
140	110	240	55	Petition to revive unavoidably abandoned application	<u> </u>																																																																																																																																																																																																																																																																																										
141	1,210	241	605	Petition to revive unintentionally abandoned application	<u> </u>																																																																																																																																																																																																																																																																																										
142	1,210	242	605	Utility issue fee (or reissue)	<u> </u>																																																																																																																																																																																																																																																																																										
143	430	243	215	Design issue fee	<u> </u>																																																																																																																																																																																																																																																																																										
144	580	244	290	Plant issue fee	<u> </u>																																																																																																																																																																																																																																																																																										
122	130	122	130	Petitions to the Commissioner	<u> </u>																																																																																																																																																																																																																																																																																										
123	50	123	50	Petitions related to provisional applications	<u> </u>																																																																																																																																																																																																																																																																																										
126	240	126	240	Submission of IDS	<u> </u>																																																																																																																																																																																																																																																																																										
581	40	581	40	Recording each patent assignment per property (times number of properties)	<u>40</u>																																																																																																																																																																																																																																																																																										
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))	<u> </u>																																																																																																																																																																																																																																																																																										
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	<u> </u>																																																																																																																																																																																																																																																																																										
Other fee (specify) <u> </u>					<u> </u>																																																																																																																																																																																																																																																																																										
Other fee (specify) <u> </u>					<u> </u>																																																																																																																																																																																																																																																																																										
SUBTOTAL (3) (\$)					<u>40</u>																																																																																																																																																																																																																																																																																										

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name		Bruce H. Bernstein		Reg. Number	
Signature				29,027	
		Date <u>7/12/00</u> Reg. No. <u>33,329</u>		Deposit Account User ID	